

Energy Efficiency Improvement

The NIAEP Environmental Policy is based on rational employment of natural resources. Initiatives on energy efficiency improvement are executed in two directions:

- Designing of energy efficient facilities of capital construction;
- Reduction in energy consumption through programs on saving of resources.

Within the first direction the Company introduced project solutions providing for increase in gross efficiency ratio of the designed NPP VVER-TOI project of 38% compared to 37% of the previous NPP-2006 project.

In May 2010 the 2010–2014 energy saving and efficiency improvement program was launched. This program provides for reduction in energy consumption by 17% by 2015. Saving of energy resource in the Central Office amounted to 10.87% in 2012 (planned value was 5%), which equaled to 251,765 kW/hour. Similar programs are executed in the NIAEP branches.

Saving of energy resources is achieved through the following activities:

- Introduction of automated electric energy control and metering system;
- Mounting of new energy efficient equipment;
- Reconstruction of internal and external lighting systems.



Multi-D
engineering